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Attorney Docket No.: 2003309-0021 / 10980687-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Staton, *et al* Examiner: Allen  
Serial No.: 09/415,015 Art Unit: 2878

Filing Date: October 7, 1999

Title: HIGH QUANTUM EFFICIENCY POINT LIGHT DETECTOR

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

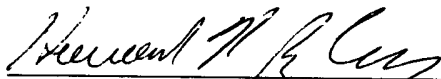
**TRANSMITTAL**

Enclosed herewith please find:

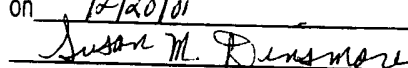
- 1) Response to Office Action Under 37 C.F.R. §1.111;
- 2) Petition for Extension of Time Under 37 C.F.R. 1.136;
- 3) Check in the amount of \$920.00; and
- 4) Two return postcards.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

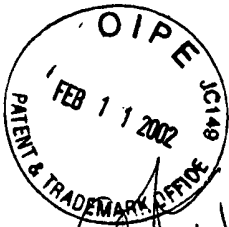
Respectfully submitted,

  
Howard H. Bayless, Reg. No. P-51,245

Choate, Hall & Stewart  
Agilent Technologies, Inc.  
Intellectual Property Administration, LE  
P.O. Box 7599  
M/S DL429  
Loveland, CO 80537-0599  
Dated: December 20, 2001  
3348072.1

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Staton, *et al.*  
Serial No.: 09/415,015  
Filing Date: October 07, 1999

Examiner: Allen  
Art Unit: 2878

Title: HIGH QUANTUM EFFICIENCY POINT LIGHT DETECTOR

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.111**

This **Response to Office Action** is filed in response to the Office Action mailed June 27, 2001, rejecting claims 1-8. The cited references are U.S. patents' numbers 5,900,949 to Sampas and 3,904,818 to Kovac. The following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

**Amendment**

In the claims:

Please amend the claims as follows:

- A 1
4. The detector system of claim 1 further including a readout capacitor and means for transferring, multiple times, charge from the detector to the capacitor and back.

No new matter is entered by any of these amendments. A marked-up version of the amendments to the specification and claims is included in the attachment captioned "Version with Markings to Show Changes Made for USSN 09/415,015".